



### 3rd Workshop on Interfaces and Architectures for Scientific Data Storage (IASDS)

<http://www.mcs.anl.gov/events/workshops/iasds11>

Held in conjunction with IEEE Cluster 2011: <http://www.tacc.utexas.edu/ieee/2011/index.php>

Workshop Chair: Rob Latham, Mathematics and Computer Science Division, Argonne National Laboratory  
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#### Call for Papers

High-performance computing simulations and large scientific experiments such as those in high energy physics generate tens of terabytes of data, and these data sizes grow each year. Existing systems for storing, managing, and analyzing data are being pushed to their limits by these applications, and new techniques are necessary to enable efficient data processing for future simulations and experiments.

This workshop will provide a forum for engineers and scientists to present and discuss their most recent work related to the storage, management, and analysis of data for scientific workloads. Emphasis will be placed on forward-looking approaches to tackle the challenges of storage at extreme scale or to provide better abstractions for use in scientific workloads.

Topics of interest include, but are not limited to

- parallel file systems
- scientific databases
- active storage
- scientific I/O middleware
- extreme scale storage

#### Past Workshops:

IASDS 2009, New Orleans: 8 accepted papers <http://www.mcs.anl.gov/events/workshops/iasds09/agenda.php>

IASDS 2010, Crete: 6 accepted papers <http://www.mcs.anl.gov/events/workshops/iasds10/agenda.php>

#### Important Dates:

Paper Submission Deadline *June 28, 2011*

Author Notification *July 23, 2011*

Final Manuscript Due *TBD*

Workshop *September 30, 2011*

#### Submission Info:

See <http://www.mcs.anl.gov/events/workshops/iasds11/submission.php>

#### Contact Information

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